

JC644 U.S. PTO  
0310/00

Please type a plus sign (+) inside this box.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 04983.0120.US01/38-21(15750)D
		First Named Inventor or Application Identifier BYRUM
Title	Nucleic Acid Molecules and Other Molecules Associated with Plants	
		Express Mail Label No. _____

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents</small>		Assistant Commissioner for Patents <b>ADDRESS TO:</b> Box Patent Application Washington, DC 20231	
<p>1. <input type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 33377] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R&amp;D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claims</li> <li>- Abstract of the Disclosure</li> </ul> </p> <p>3. <input type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets _____]</p> <p>4. Oath or Declaration [Total Pages _____]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <i>[Note Box 5 below]</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <i>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i></li> </ul> </p> <p>5. <input type="checkbox"/> Incorporation By Reference (<i>useable if Box 4b is checked</i>) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> <p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Computer Readable Copy</li> <li>b. <input checked="" type="checkbox"/> Paper Copy (identical to computer copy)</li> <li>c. <input checked="" type="checkbox"/> Statement verifying identity of above copies</li> </ul> </p>			
<b>ACCOMPANYING APPLICATION PARTS</b> <ul style="list-style-type: none"> <li>8. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</li> <li>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney</li> <li>10. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</li> <li>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</li> <li>12. <input type="checkbox"/> Preliminary Amendment</li> <li>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Two) <i>(should be specifically itemized)</i></li> <li>14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired</li> <li>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></li> <li>16. <input type="checkbox"/> Other: _____</li> </ul>			

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

## 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation     Divisional     Continuation-in-part (CIP)

of prior application No: /

Prior Application Information: Examiner: \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

## 18. CORRESPONDENCE ADDRESS

22930

or  Correspondence address below

(Insert Customer No. or Attach bar code label here)

PATENT TRADEMARK OFFICE

<input type="checkbox"/> Customer Number or Bar Code Label					
NAME David R. Marsh					
HOWREY SIMON ARNOLD & WHITE, LLP					
ADDRESS Box No. 34					
1299 Pennsylvania Avenue, N.W.					
CITY	Washington	STATE	DC	ZIP CODE	20004-2402
COUNTRY	US	TELEPHONE	202-783-0800	FAX	202-383-7195
Name (Print/Type)	David R. Marsh/Timothy W. Riffe		Registration No. (Attorney/Agent)	41,408/43,881	
Signature			Date	March 10, 2000	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application; Washington, DC 20231.



March 10, 2000

***Box Patent Application***

Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Non-Provisional Utility Patent Application  
Application No.: To Be Assigned  
Filed: Herewith  
For: Nucleic Acid Molecules and Other Molecules  
Associated with Plants  
Inventors: Joseph R. BYRUM *et al.*  
Atty. Docket: 04983.0120.US01/38-21(15750)D

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Utility Patent Application Transmittal (PTO/SB/05);
2. U.S. Utility Patent Application entitled:

**Nucleic Acid Molecules and Other Molecules Associated with Plants**

and naming as inventors:

**Joseph R. BYRUM, Conrad H. HALLING, and David K. KOVALIC,**

the application consisting of:

- a. A specification containing:
  - (i) 33,374 pages of a description prior to the claims;
  - (ii) 2 pages of claims (15 claims);
  - (iii) a one (1) page abstract; and
  - (iv) 125,032 pages of a sequence listing;

3. A CD-ROM containing the sequence listing;
4. Statement Regarding Sequence Submission; and
5. Two (2) return postcards.

This application is being filed without an executed Declaration, and without payment of official fees.

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

Respectfully submitted,



David R. Marsh (Reg. No. 41,408)  
Timothy W. Riffe (Reg. No. 43,881)

Enclosures